

**DERWENT-ACC-NO:** 2000-544383

**DERWENT-WEEK:** 200050

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**TITLE:** Driving safety devices in motor vehicle involves determining age/gender from image acquisition data for particular occupant by pattern comparison, triggering safety systems accordingly

**INVENTOR:** MILCH, S; ZANDER, A

**PATENT-ASSIGNEE:** VOLKSWAGEN AG[VOLS]

**PRIORITY-DATA:** 1998DE-1056129 (December 4, 1998)

**PATENT-FAMILY:**

<b>PUB-NO</b>	<b>PUB-DATE</b>	<b>LANGUAGE</b>	<b>PAGES</b>	<b>MAIN-IPC</b>
DE <u>19856129</u>	A1 June 8, 2000	N/A	004	B60R 021/02

**APPLICATION-DATA:**

<b>PUB-NO</b>	<b>APPL-DESCRIPTOR</b>	<b>APPL-NO</b>	<b>APPL-DATE</b>
DE 19856129A1	N/A	1998DE-1056129	December 4, 1998

**INT-CL (IPC):** B60R021/02, B60R021/32

**ABSTRACTED-PUB-NO:** DE 19856129A

**BASIC-ABSTRACT:**

**NOVELTY** - The method involves detecting anthropometric data depending on sensor and/or image acquisition (1,2) systems for the occupants relevant to the safety devices and generating corresponding triggering of the safety systems in the event of a crash. An age determination and/or gender determination is made from the image acquisition data for a particular occupant using pattern comparison and the safety systems are triggered (4) accordingly.

USE - For driving safety devices in a motor vehicle.

ADVANTAGE - Enables improved passenger specification for optimal triggering of the safety systems.

DESCRIPTION OF DRAWING(S) - Shows a schematic representation of an implementation of the method

camera 1

image acquisition unit 2

logic 3

trigger unit 4

crash sensor 5

**CHOSEN- Dwg.1/1**  
**DRAWING:**

**TITLE-TERMS:** DRIVE SAFETY DEVICE MOTOR VEHICLE DETERMINE AGE GENDER  
IMAGE ACQUIRE DATA OCCUPY PATTERN COMPARE TRIGGER  
SAFETY SYSTEM ACCORD

**DERWENT-CLASS:** Q17 T01 X22

**EPI-CODES:** T01-J07C; X22-J03B1; X22-J07;

**SECONDARY-ACC-NO:**

**Non-CPI Secondary Accession Numbers:** N2000-402634